

Title (en)

Objective lens, light converging optical system, optical pickup apparatus, and recording/reproducing apparatus

Title (de)

Objektiv, optisches Lichtsammlungssystem, optische Lesekopfvorrichtung und Aufzeichnungs-/Wiedergabevorrichtung

Title (fr)

Lentille d'objectif, système optique convergent lumineux, appareil de capture optique et appareil d'enregistrement/reproduction

Publication

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Application

EP 10161605 A 20011030

Priority

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Abstract (en)

An objective lens (160) for recording information on and/or reproducing information from an optical information recording medium (200), comprises a diffractive structure including ring-shaped diffractive zones on at least one surface thereof. The objective lens is a single lens made of plastic material, at least one surface thereof is an aspheric surface, and the following conditional formula is satisfied; $NA \neq 0.7$ where NA represents an image side numerical aperture necessary for recording on and/or reproducing from an optical information recording medium.

IPC 8 full level

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CPC (source: EP KR US)

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